

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 16, line 12, as amended by the July 30, 2007 amendment, with the revised paragraph:

The distance $L1$, as shown in Figs. 2 and 3(a), between the top end 201 of the gas holes 20 of the outer cover 2 and the top end 121 of the inner cover 1 is 0.5mm. The diameter R of the gas holes 20 in the longitudinal direction of the gas sensor 3 (i.e., a distance between the top end 201 and the base end 202) is 6mm. The length $L1$ and the diameter R bear the relation of $L1 - 0.95R \leq 0.95R$.